### PATENT COOPERATION TREATY

Fro	n the	Japan Patent Of	fice (INTERNATI	ONAL SEARCHING	AUTHORITY)			
To: Mr. Toshinori Yamamoto			PCT					
	A	Agent	•			101		
	idres	s: Kondo Builo	ding 810, 4-12, Ni -shi, Osaka-fu 530		INTERNATIO (Imple	TTEN OPINION OF DNAL SEARCHING menting Regulation 4 (PCT Rule 43bis.2.1)	AUTHO Obis.2)	RITY
L			· · · · · · · · · · · · · · · · · · ·		Date of mailing (day/month/year)	19.7.2005		
A	plica	ant's or agent's fil	le reference		FOR FURTHER A	CTION		
	517	7-0067				See paragraph 2 belov	v	
In	International application No.			International filing d		Priority date (day/n		ar)
	PC	T/JP2005/00660	8	04.04.2005		08.04.2004	•	,
In	ernat	tional Patent Cla	ssification (IPC)					
	Int.	Cl. <sup>7</sup> H03H9/25,	3/08, 9/64					
Aj	plica	ant						
	Mu	rata Manufacturi	ing Co., Ltd.					
1.	Thi	is opinion contai	ns indications rela	ting to the following it	ems:			
	×	Box No. I	Basis of the opin	nion				
ĺ		Box No. II	Priority					
		Box No. III	Non-establishme	ent of opinion with reg	ard to novelty, inventiv	e step and industrial a	pplicabi	ility
l		Box No. IV	Lack of unity of		•	•	••	•
	×	Box No. V			2.1(a)(i) with regard to supporting such state		p or indu	ıstrial
		Box No. VI	Certain docume	nts cited				
		Box No. VII	Certain defects i	in the international app	lication			
		Box No. VIII	Certain observat	tions on the internation	al application	•		
2.	FU.	RTHER ACTIO	ON					
	Inte	rnational Prelimi hority other than	inary Examining A this one to be the	Authority ("IPEA") exc IPEA and the chosen I	e, this opinion will be open that this does not appear that this does not appear the Irng Authority will not be	oply where the applicaternational Bureau ur	ant choos	ses an
	IPE.	A a written reply	together, where a	ppropriate, with amend	en opinion of the IPEA Iments, before the expi months from the priori	ration of 3 months fro	m the da	ate of
	_		see Form PCT/ISA		•			
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3.	For	further details, s	ee notes to Form l	PCT/ISA/220				
Des		1	:					
Dai	e of e	completion of th	is opinion	30. 06. 2005				
Na	ne ar	nd mailing addre	ss of the ISA/JP	30. 00. 2003	Authorized office	r	5W	3248
		•	oan Patent Off	fice	Hironobu Ino			
3-4	-3, K	-	iyoda-ku, Tokyo		1	ie -3581-1101 Ext 3576		

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/JP2005/006608

Вох	No	. I Basis of this opinion
1.		h regard to the language, this opinion has been established on the basis of the international application in the language in ch it was filed, unless otherwise indicated under this item.
		This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purpose of international search (under Rules 12.3 and 23.1(b)).
2.		h regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the imed invention, this opinion has been established on the basis of:
a.	ty	pe of material
		a sequence listing
		table(s) related to the sequence listing
b.	·fo	ormat of material .
		in written format
		in computer readable form
c.	ti	me of filing/furnishing
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Ado	litional comments:
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## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/JP2005/006608

	Reasoned statement under Rule 43bis.2.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. Statement						
Novelty (N)		Claims	1-5	YES		
		Claims _		NO		
Inventive step	(IS)	Claims _		YES		
		Claims _	1-5	NO		
Industrial app	licability (IA)	Claims		YES		
		Claims	1-5	NО		

### 2. Citations and explanations:

Document 1: JP 2003-32061 A (Toshiba Corporation)

2003.01.31, entire document and all figures (no family)

Document 2: JP 60-176317 A (Toshiba Corporation)

1985.09.10, Fig. 2(d)

Document 3: Microfilm of drawings and specification attached to the request for Japanese Utility Model Registration Application No. 56-171397 (Japanese Unexamined Utility Model Registration Application Publication No. 58-77921) (Oki Electric Industry Co., Ltd.), 1983.05.26, line 13, page 4 to line 7, page 5, Fig. 4

Document 4: JP 55-41048 A (Tokyo Shibaura Denki Kabushiki-kaisha)

1980.03.22, entire document, Fig. 5

#### Claims 1-5

Claims 1 to 5 do not involve in an inventive step on the basis of Documents 1 to 4 cited in the international search report. The aforementioned Document 1 discloses an invention regarding "a surface acoustic wave filter comprising a mount board having a land; a device chip in which a wiring pattern including an IDT and a pad electrically connected to the IDT is formed on one of a pair of parallel and opposing principal surfaces of a piezoelectric substrate, the pad being disposed so as to oppose the land of the mount board, the pad and the land being electrically connected through a bump; and a resin film covering the other principal surface of the piezoelectric substrate and sealing the device chip."

As indicated in the aforementioned Documents 2 to 4, it is well known in the art that "the one of the principal surfaces of the piezoelectric substrate used in the surface acoustic wave filter is relatively large and the other principal surface of the piezoelectric substrate is relatively small, " that "peripheral surfaces of the piezoelectric substrate extending between the pair of principal surfaces each have a parallel planar portion which is substantially parallel to the pair of principal surfaces of the piezoelectric substrate and a vertical planar portion which is substantially perpendicular to the pair of principal surfaces of the piezoelectric substrate, so that the peripheral surfaces of the piezoelectric substrate each have a stepped portion including at least one step," that "peripheral surfaces of the piezoelectric substrate extending between the pair of principal surfaces each have a tapering portion extending along an outer edge of the other principal surface of the piezoelectric substrate," and that "peripheral surfaces of the piezoelectric substrate extending between the pair of principal surfaces each have a curved portion extending along an outer edge of the other principal surface of the piezoelectric substrate."

Therefore, any person skilled in the art could easily have arrived at forming a piezoelectric substrate using the related art even in the invention disclosed in the aforementioned Document 1.

The invention of Claim 5 is only an invention for producing the surface acoustic wave filter in the invention of Claim 1 by a general method. Therefore, any person skilled in the art could easily have arrived at this invention on the basis of the inventions disclosed in the aforementioned Documents 1 to 4.